

Pulverised fuel ash - Extractable and total metals

Art. ID	LGC6180
Unit	50 g
Deliverydetails	No Dangerous Good /not restricted

Description

Collected from a disposal site near Camarthan Bay in South Wales, UK. Pulverised fuel ash is a waste product of coal-fired power stations. The extractable metal content refers to metals soluble in Aqua Regia using methods based on ISO11466 (1995). Indicative values for the extractable metal content and for the total metal content. Please ask for the certificate. Assessed values:

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aluminium (Al)	[7429-90-5]	25700	mg/kg	ISO11466 (1995)	
	Arsenic (As)	[7440-38-2]	91,7	mg/kg	ISO11466 (1995)	
	Barium (Ba)	[7440-39-3]	676	mg/kg	ISO11466 (1995)	
	Calcium (Ca)	[7440-70-2]	6415	mg/kg	ISO11466 (1995)	
	Cobalt (Co)	[7440-48-4]	18,5	mg/kg	ISO11466 (1995)	
	Chromium (Cr)	[7440-47-3]	43,8	mg/kg	ISO11466 (1995)	
	Copper (Cu)	[7440-50-8]	67,9	mg/kg	ISO11466 (1995)	
	Potassium (K)	[7440-09-7]	6170	mg/kg	ISO11466 (1995)	
	Magnesium (Mg)	[7439-95-4]	3660	mg/kg	ISO11466 (1995)	
	Manganese (Mn)	[7439-96-5]	259	mg/kg	ISO11466 (1995)	
	Sodium (Na)	[7440-23-5]	1230	mg/kg	ISO11466 (1995)	
	Nickel (Ni)	[7440-02-0]	48,4	mg/kg	ISO11466 (1995)	
	Lead (Pb)	[7439-92-1]	48,6	mg/kg	ISO11466 (1995)	
	Vanadium (V)	[7440-62-2]	105	mg/kg	ISO11466 (1995)	

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Zinc (Zn)	[7440-66-6]	115	mg/kg	ISO11466 (1995)